

**CONFIDENTIAL**

8245

21 April 1966  
Ref: LJC 437-1674

*Recd  
27 Apr 66  
FIS*

Post Office Box 8043  
Southwest Station  
Washington, D. C. 20024

25X1A

Attention:

[Redacted]

Contracting Officer

25X1A

Reference:

[Redacted]

Dear Sir:

In accordance with the terms of the contract, we are transmitting herewith two (2) copies of Progress Report No. 6, which covers the period 3/1/66 through 3/31/66.

Very truly yours,

[Redacted]

Contracts

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avw

Encs. (2)

3cc: Progress Report No. 6 to:

25X1A

[Redacted]

P. O. Box 8031  
Southwest Station  
Washington, D. C. 20024

DECLASS REVIEW by NIMA/DOD

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PROGRESS REPORT NO. 6

Report Period 3/1/66 - 4/3/66

MULTIPURPOSE DATA BLOCK READER

This document has been prepared in accordance with the requirements of

[Redacted]

Submitted by:

[Redacted]

Program Director

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A. CURRENT STATUS

During March, all preliminary phases of the design were completed and documented. The logic and wire lists relative to the ECP have been completed and the additions required to the breadboard are in work.

The integration of the lens and associated optics has been delayed due to problems in procuring special test fixture components. This has re-oriented the electronic testing approach to include the use of simulation signals and controls, thus allowing electronic test and subsystem integration to parallel the optical test procedures. The read amplifiers have been completely tested in their housing and a limited number of counting and control operations within the system have been examined. This program of subsystem integration will continue through April.

An outline of the final report has been prepared and will be discussed with the customer during April. *not yet discussed - 27 Apr.*

B. PROBLEM AREAS

A delay in the receipt of test components for the 1:1 relay lens will delay the start of system integration test. A modified test plan, which will include rescheduling the detailed evaluation of the second lens, is being formulated. This will not delay the submittal of the final design report to the customer.

The limited availability of typical blocks and film can restrict the degree of system test. Alternate approaches to this problem will be examined.

*Phase I Report (Prelim Design & Breadboard) due around end of May 66.*

C. PROJECTED WORK

The technical assignments during April will include:

1. Testing of the 1:1 relay lens
2. Continue electronic breadboard integration
3. Preliminary documentation of the final report
4. Detail planning for system test and integration
5. Define and expedite procurement of adequate test material for evaluation of system

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